

[*PAUSE CONTROL FOR A MEDIA PLAYER WITH A MOVABLE PICKUP*]

Abstract of Disclosure

A method and apparatus for suspending the operation of a rotating optical media player that uses simplified and efficient logic circuitry is described. When an operator initiates a pause operation, for example, by pressing a pause key, the current location of an optical pickup (e.g., a value of the current track ID) is stored. Then, a tracking servo loop is opened and a near zero offset is provided to the input of the tracking actuator. The condition of the optical disk system is then maintained in a "wait" state until the operator decides to end the pause process by selecting an alternate operation, such as "Play", "Search", or some other functions. When an alternate operation is received, the tracking servo loop is closed. The system then enters a search mode to reposition the optical head to the position indicated by the track ID, which was previously saved. Finally, the selected function command is activated. In an alternate embodiment, in the case where "Search" is selected during "Pause", the stored location is ignored, the search instead being directed to the desired location associated with the search.

Figures

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